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BUREAU OF THE CENSUS



Manufacturers' Shipments, Inventories, and Orders

JANUARY 1983

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(All figures in text below are in seasonally adjusted current dollars.)

New orders for manufactured goods in January increased \$3.8 billion or 2.4 percent from December to \$160.1 billion, the Department of Commerce, Bureau of the Census reported today. This is the third consecutive monthly increase in this series. The January orders estimate is \$12.0 billion below the high recorded in July 1981 of \$172.1 billion.

Shipments of manufactured goods in January increased \$3.4 billion or 2.2 percent to \$156.2 billion. Shipments had been relatively unchanged in October through December at approximately \$152 billion. The backlog of orders held by manufacturers at the end of January showed an increase of \$3.9 billion or 1.3 percent to \$298.4 billion, following a 1.2 percent increase in December. Prior to that, the orders backlog had declined 16 consecutive months. The increase in the orders backlog the last 2 months was mainly caused by large defense orders. Without the defense category, the orders backlog in December declined 1.3 percent but in January showed a small increase of 0.2 percent.

The book value of manufacturers' inventories decreased in January \$2.6 billion or 1.0 percent to \$262.6 billion. Except for a small increase last February, inventories have been declining since November 1981 when they were valued \$23.1 billion higher at \$285.8 billion. The inventory to shipments ratio for January dropped to 1.68, down substantially from the December ratio of 1.74.

Within the durable goods sector, the January new orders of \$80.7 billion include \$8.6 billion in defense orders. Although defense orders for January were down 24 percent from December, the January orders level is second only to the record December estimate of \$11.3 billion. Without the defense decline, new orders for durable goods increased 10.5 percent in January.

Within the major industry categories, the January increase in orders was predominantly in noncapital goods items: steel orders were up \$1.0 billion or 40 percent to \$3.5 billion; non-

ferrous metal orders were up \$0.4 billion or 12 percent to \$4.0 billion; motor vehicle and parts orders were up \$1.7 billion or 20 percent to \$10.6 billion; and construction related industries, i.e., lumber, furniture, and stone, clay, and glass products were together up 14 percent. New orders for nondefense capital goods in January increased \$0.8 billion or 3.7 percent to \$20.9 billion. New orders for nondurable goods were down \$0.3 billion or 0.4 percent for the month to \$79.3 billion.

As with new orders, the January increase in manufacturers' shipments of 2.2 percent was attributable to the durable goods sector, where increases in noncapital goods categories were widespread. The motor vehicle and parts industry accounted for over half the increase, going up \$1.8 billion or 21 percent to \$10.4 billion. Within the capital goods categories, shipments of nondefense capital goods were down \$0.5 billion or 2.3 percent to \$21.4 billion; while shipments of defense capital goods were down \$0.1 billion or 1.1 percent to \$5.0 billion.

Although the value of the orders backlog increased in January 1.3 percent and in December 1.2 percent following 16 consecutive monthly declines, the patterns of change among the industries were mixed. For the capital goods sector, the backlog of orders for nondefense capital goods continued downward, declining \$0.5 billion or 0.4 percent to \$122.4 billion in January, while the defense backlog continued increasing, this month up \$3.5 billion or 3.9 percent to \$94.3 billion.

The decrease in the book value of manufacturers' inventories was concentrated in the durable goods sector where every major industry category except lumber showed declines. Within the nondurable goods sector, the value of inventories increased \$0.4 billion or 0.4 percent to \$88.6 billion, with the largest increase coming in the petroleum products industry, which was up \$0.5 billion or 5.1 percent to \$9.7 billion.

The advance report on durable goods for February is scheduled for release on March 22, 1983, and full report is scheduled for release on March 31, 1983.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		Monthly				Percent change			Monthly				Year to date	
		Jan. 1983 ^p	Dec. 1982 ^f	Nov. 1982	Oct. 1982	Dec.- Jan. P	Nov.- Dec. P	Oct.- Nov. P	Jan. 1983 ^p	Dec. 1982 ^f	Nov. 1982	Oct. 1982	1983 ^p	1982
	All manufacturing industries	156,210	152,815	152,343	152,473	+2.2	+0.3	-0.1	144,954	148,554	151,967	157,882	144,954	144,431
	Manufacturing industries with unfilled orders.....	80,835	79,056	78,244	77,797	+2.3	+1.0	+0.6	73,914	77,687	78,235	80,800	73,914	74,790
32	Durable goods industries.....	76,957	73,373	72,708	72,342	+4.9	+0.9	+0.5	69,594	71,331	72,301	75,845	69,594	68,605
322	Stone, clay, and glass products.....	4,056	3,697	3,709	3,720	+9.7	-0.3	-0.3	3,378	3,307	3,685	4,021	3,378	3,238
33	Glass containers.....	432	398	429	454	+8.5	-7.2	-5.5	391	357	413	461	391	414
331	Primary metals.....	7,879	7,565	7,315	7,689	+4.2	+3.4	-4.9	7,564	7,052	7,041	7,797	7,564	9,634
333-9	Blast furnaces, steel mills... Nonferrous and other primary metals.....	3,257	3,148	3,061	3,065	+3.5	+2.8	-0.1	3,146	3,007	2,942	3,077	3,146	4,837
34	Fabricated metal products.....	9,117	8,794	9,108	8,921	+3.7	-3.4	+2.1	8,253	8,306	8,928	9,391	8,253	8,360
341	Metal cans, barrels, and drums.....	891	827	899	890	+7.7	-8.0	+1.0	741	705	747	852	741	815
35	Machinery, except electrical....	14,291	14,352	14,535	14,044	-0.4	-1.3	+3.5	12,825	15,095	14,015	14,204	12,825	14,455
351	Engines and turbines.....	961	966	1,004	1,017	-0.5	-3.8	-1.3	937	972	933	978	937	1,257
352	Farm machinery and equipment..	897	955	1,093	1,036	-6.1	-12.6	+5.5	848	798	883	1,115	848	938
353	Construction, mining, and material handling equipment..	2,003	2,355	2,487	2,469	-14.9	-5.3	+0.7	1,943	2,235	2,335	2,464	1,943	2,869
354	Metalworking machinery.....	848	695	726	711	+22.0	-4.3	+2.1	747	724	706	729	747	911
356	General industrial machinery..	1,309	1,237	1,249	1,197	+5.8	-1.0	+4.3	1,169	1,239	1,192	1,269	1,169	1,260
357	Office and computing machines..	3,512	3,740	3,383	3,147	-6.1	+10.6	+7.5	2,743	4,933	3,545	3,147	2,743	2,536
36	Electrical machinery.....	11,645	11,340	11,163	11,220	+2.7	+1.6	-0.5	10,798	11,226	11,281	11,708	10,798	10,410
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,599	1,758	1,578	1,556	-9.0	+11.4	+1.4	1,525	1,684	1,567	1,575	1,525	1,673
363	Household appliances.....	1,269	1,004	1,063	1,052	+26.4	-5.6	+1.0	1,097	920	1,010	1,111	1,097	860
365	Radio and TV.....	677	552	528	553	+22.6	+4.5	-4.5	561	567	634	663	561	537
366	Communication equipment.....	3,818	3,826	3,660	3,953	-0.2	+6.5	-7.4	3,513	3,956	3,620	3,956	3,513	3,313
367	Electronic components.....	2,428	2,381	2,425	2,288	+2.0	-1.8	+6.0	2,326	2,262	2,429	2,391	2,326	2,260
37	Transportation equipment.....	17,666	16,051	15,088	15,053	+10.1	+6.4	+0.2	16,142	15,445	15,548	16,183	16,142	12,640
371	Motor vehicles and parts....	10,391	8,601	8,082	7,923	+20.8	+6.4	+2.0	9,786	7,616	8,535	9,223	9,786	6,979
372,6	Aircraft, missiles, and parts..	5,845	5,997	5,527	5,778	-2.5	+8.5	-4.3	5,063	6,364	5,589	5,569	5,063	4,270
3731	Shipbuilding and military tank vehicles.....	811	915	960	852	-11.4	-4.7	+12.7	748	971	947	871	748	724
38	Instruments and related products.....	3,884	3,858	3,765	3,753	+0.7	+2.5	+0.3	3,503	3,878	3,853	3,895	3,503	3,379
381-4	Scientific and engineering instruments.....	2,343	2,368	2,170	2,137	-1.1	+9.1	+1.5	2,210	2,390	2,160	2,169	2,210	2,084
386	Photographic goods.....	1,346	1,278	1,372	1,384	+5.3	-6.9	-0.9	1,124	1,301	1,465	1,467	1,124	1,114
24,25, 39	All other durable goods.....	8,419	7,716	8,025	7,942	+9.1	-3.9	+1.0	7,131	7,022	7,950	8,646	7,131	6,489
20	Nondurable goods industries.....	79,253	79,442	79,635	80,131	-0.2	-0.2	-0.6	75,360	77,223	79,666	82,037	75,360	75,826
201	Food and kindred products.....	22,726	22,277	22,339	22,392	+2.0	-0.3	-0.2	21,187	22,430	22,830	23,207	21,187	20,580
208	Beverages.....	6,002	6,000	5,904	6,072	0.0	+1.6	-2.8	5,864	6,132	6,045	6,400	5,864	5,653
207	Fats and oils.....	1,471	1,359	1,316	1,237	+8.2	+3.3	+6.4	1,460	1,369	1,359	1,253	1,460	1,431
203-6,9	All other foods.....	9,131	8,852	9,090	9,015	+3.2	-2.6	+0.8	8,392	9,188	9,336	9,340	8,392	8,095
21	Tobacco products.....	1,122	1,310	1,081	1,207	-14.4	+21.2	-10.4	1,067	1,341	1,103	1,260	1,067	1,083
22	Textile mill products.....	4,074	4,295	3,988	4,084	-5.1	+7.7	-2.4	3,705	4,012	4,035	4,292	3,705	3,553
26	Paper and allied products.....	6,948	6,502	6,486	6,519	+6.9	+0.2	-0.5	6,647	5,976	6,278	6,598	6,647	6,416
261-3	Pulp, paper etc.	2,758	2,603	2,698	2,644	+6.0	-3.5	+2.0	2,598	2,432	2,651	2,670	2,598	2,667
265	Paperboard containers.....	1,565	1,511	1,481	1,511	+3.6	+2.0	-2.0	1,474	1,356	1,446	1,587	1,474	1,415
264,6	All other paper products....	2,625	2,388	2,307	2,364	+9.9	+3.5	-2.4	2,575	2,188	2,181	2,341	2,575	2,334
28	Chemicals and allied products...	13,991	14,189	14,003	13,548	-1.4	+1.3	+3.4	13,564	13,556	13,163	13,164	13,564	13,360
281,6	Industrial chemicals, except pigments	4,207	4,443	4,388	4,356	-5.3	+1.3	+0.7	4,085	4,288	4,124	4,138	4,085	4,476
283,4	Drugs, soaps, and toiletries	4,009	4,132	4,159	3,852	-3.0	-0.6	+8.0	3,820	4,108	4,001	3,960	3,820	3,375
29	Petroleum and coal products	14,871	15,818	16,467	17,352	-6.0	-3.9	-5.1	15,101	16,022	16,429	17,098	15,101	17,298
30	Rubber and plastics products....	3,569	3,337	3,423	3,483	+7.0	-2.5	-1.7	3,306	3,007	3,264	3,699	3,306	3,375
23,27, 31	All other nondurable goods.....	11,952	11,714	11,848	11,546	+2.0	-1.1	+2.6	10,783	10,879	12,564	12,719	10,783	10,161
	Market categories:													
	Home goods and apparel.....	10,900	10,313	10,636	10,909	+5.7	-3.0	-2.5	9,380	8,914	11,190	12,283	9,380	9,011
	Consumer staples.....	30,340	30,388	30,176	29,943	-0.2	+0.7	+0.8	28,141	30,492	30,834	31,111	28,141	26,920
	Equipment and defense products, except automotive.....	23,944	24,531	23,794	23,707	-2.4	+3.1	+0.4	21,308	25,963	23,248	23,787	21,308	21,622
	Automotive equipment.....	12,090	10,110	9,564	9,315	+19.6	+5.7	+2.7	11,243	8,885	9,908	10,766	11,243	8,271
	Construction materials, supplies and intermediate products.....	12,445	11,267	11,555	11,537	+10.5	-2.5	+0.2	10,439	10,410	11,323	12,278	10,439	9,555
	Other materials, supplies, and intermediate products	66,491	66,206	66,618	67,062	+0.4	-0.6	-0.7	64,443	63,890	65,464	67,657	64,443	69,052
	Supplementary series:													
	Capital goods industries.....	26,489	27,053	26,392	26,297	-2.1	+2.5	+0.4	23,769	28,630	26,223	26,384	23,769	24,434
	Nondefense.....	21,447	21,953	21,441	21,372	-2.3	+2.4	+0.3	19,229	23,241	21,283	21,402	19,229	20,836
	Defense.....	5,042	5,100	4,951	4,925	-1.1	+3.0	+0.5	4,540	5,389	4,940	4,982	4,540	3,598
	Household durable goods industries.....	4,895	4,419	4,676	4,835	+10.8	-5.5	-3.3	4,177	4,065	4,819	5,394	4,177	4,016

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted							Not seasonally adjusted ¹					
		Monthly				Percent change			Monthly				Year to date	
		Jan. 1983 ^p	Oct. 1982 ^r	Nov. 1982	Oct. 1982	Oct.- Jan. ^p	Nov.- Oct. ^r	Oct.- Nov.	Jan. 1983 ^p	Oct. 1982 ^r	Nov. 1982	Oct. 1982	1983 ^p	1982
	All manufacturing industries	160,062	156,263	150,362	149,696	+2.4	+3.9	+0.4	152,446	153,211	148,975	157,190	152,446	147,978
32	Durable goods industries.....	80,724	76,593	70,607	69,598	+5.4	+8.5	+1.4	76,672	75,718	69,430	75,222	76,672	71,856
33	Stone, clay, and glass products.....	4,027	3,650	3,715	3,676	+10.3	-1.7	+1.1	3,422	3,247	3,672	3,949	3,422	3,146
331	Primary metals.....	8,274	6,655	7,466	6,943	+24.3	-10.9	+7.5	8,426	7,284	7,065	7,180	8,426	9,346
333-9	Blast furnaces, steel mills...	3,466	2,485	3,056	2,795	+39.5	-18.7	+9.3	3,491	3,176	2,962	2,877	3,491	4,480
	Nonferrous and other primary metals.....	3,977	3,546	3,729	3,534	+12.2	-4.9	+5.5	4,109	3,537	3,416	3,625	4,109	4,033
34	Fabricated metal products.....	9,002	8,426	8,186	8,297	+6.8	+2.9	-1.3	8,313	8,031	7,853	8,595	8,313	8,152
35	Machinery, except electrical....	13,351	12,488	12,970	13,824	+6.9	-3.7	-6.2	12,288	13,180	12,825	13,928	12,288	14,231
351	Engines and turbines.....	983	-342	910	1,198	(n)	-137.5	-24.0	971	-350	762	1,422	971	1,028
353	Construction, mining, and material handling equipment..	1,870	1,884	2,391	2,009	-0.7	-21.2	+19.0	1,858	1,873	2,160	2,099	1,858	2,678
354	Metalworking machinery.....	695	598	587	601	+16.2	+1.9	-2.3	630	587	572	614	630	684
356	General industrial machinery..	1,116	1,153	1,049	1,042	-3.2	+9.9	+0.7	1,127	1,086	972	1,109	1,127	1,355
357	Office and computing machines.	3,209	4,174	2,465	3,532	-23.1	+69.3	-30.2	2,411	5,193	3,136	3,070	2,411	2,712
36	Electrical machinery.....	11,957	12,473	12,193	11,115	-4.1	+2.3	+9.7	11,784	12,144	11,887	12,127	11,784	11,588
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	1,355	1,691	1,828	1,504	-19.9	-7.5	+21.5	1,371	1,557	1,718	1,533	1,371	1,753
363	Household appliances.....	1,316	1,024	1,115	1,022	+28.5	-8.2	+9.1	1,178	947	1,022	1,060	1,178	909
365	Radio and TV.....	665	570	597	484	+16.7	-4.5	+23.3	542	588	663	538	542	514
366	Communication equipment.....	3,979	4,826	4,308	3,723	-17.6	+12.0	+15.7	4,141	4,941	4,061	4,476	4,141	4,189
367	Electronic components.....	2,763	2,542	2,412	2,582	+8.7	+5.4	-6.6	2,761	2,302	2,382	2,544	2,761	2,435
37	Transportation equipment.....	21,677	21,732	14,567	14,267	-0.3	+49.2	+2.1	21,488	21,416	14,731	17,268	21,488	15,360
372,6	Aircraft, missiles, and parts.	8,898	7,395	5,193	5,108	+20.3	+42.4	+1.7	9,274	8,050	4,938	6,739	9,274	6,326
3731	Shipbuilding and military tank vehicles.....	1,636	5,047	942	727	-67.6	+35.8	+29.6	1,614	5,091	892	730	1,614	1,306
38	Instruments and related products	5,010	3,667	3,826	3,691	+9.4	-4.2	+3.7	3,693	3,753	3,804	3,827	3,693	3,365
24,25, 39	All other durable goods.....	8,426	7,502	7,684	7,785	+12.3	-2.4	-1.3	7,258	6,663	7,593	8,348	7,258	6,666
	Nondurable goods industries.....	79,338	79,670	79,755	80,098	-0.4	-0.1	-0.4	75,774	77,493	79,545	81,968	75,774	76,122
	Market categories:													
	Home goods and apparel.....	11,010	10,420	10,683	10,772	+5.7	-2.5	-0.8	9,579	8,872	11,100	11,986	9,579	9,021
	Consumer staples.....	30,317	30,456	30,147	29,967	-0.5	+1.0	+0.6	28,243	30,514	30,787	31,101	28,243	26,997
	Equipment and defense products, except automotive.....	26,587	27,776	22,888	22,325	-4.3	+21.4	+2.5	25,410	30,038	22,030	24,413	25,410	25,625
	Automotive equipment.....	12,257	10,335	9,419	9,346	+18.6	+9.7	+0.8	11,537	9,126	9,818	10,851	11,537	8,351
	Construction materials, supplies and intermediate products.....	12,249	10,995	10,894	11,205	+11.4	+0.9	-2.8	10,435	10,112	10,601	11,865	10,435	9,251
	Other materials, supplies, and intermediate products	67,642	66,281	66,331	66,081	+2.1	-0.1	+0.4	67,242	64,549	64,639	66,974	67,242	68,734
	Supplementary series: ²													
	Capital goods industries.....	29,495	31,463	25,264	25,004	-6.3	+24.5	+1.0	28,848	33,202	24,777	27,612	28,848	27,816
	Nondefense.....	20,907	20,154	20,173	20,183	+3.7	-0.1	0.0	20,171	21,215	19,474	20,871	20,171	21,216
	Defense.....	8,588	11,309	5,091	4,821	-24.1	+122.1	+5.6	8,677	11,987	5,303	6,741	8,677	6,600
	Household durable goods industries.....	4,990	4,480	4,715	4,743	+11.4	-5.0	-0.6	4,364	3,998	4,722	5,140	4,364	4,053

^pPreliminary. ^rRevised.

(n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month. Using absolute values the percent increase in new orders for engines and turbines in January was 387.4 percent.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

The supplementary series are groupings of the separate industry categories: Household durable goods industries includes household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies."

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month			Percent change				End of month			Jan. 1982	
		Jan. 1983 ^P	Dec. 1982 ^r	Nov. 1982	Oct. 1982	Dec.-Jan. ^P	Nov.-Dec. ^r	Oct.-Nov. ^r	Jan. 1983 ^P	Dec. 1982 ^r	Nov. 1982	Oct. 1982	
	All manufacturing industries..	298,427	294,572	291,128	293,107	+1.3	+1.2	-0.7	300,473	292,978	288,323	291,312	319,921
32	Durable goods industries.....	288,847	285,077	281,861	283,960	+1.3	+1.1	-0.7	290,835	283,757	279,370	282,244	309,646
33	Stone, clay, and glass products...	1,621	1,650	1,699	1,692	-1.8	-2.9	+0.4	1,600	1,555	1,614	1,628	2,021
331	Primary metals.....	20,803	20,408	21,318	21,167	+1.9	-4.3	+0.7	21,187	20,325	20,092	20,068	26,221
333-9	Blast furnaces, steel mills.....	12,364	12,155	12,818	12,823	+1.7	-5.2	0.0	12,512	12,167	11,997	11,977	15,757
	Nonferrous and other primary metals.....	6,200	6,053	6,273	6,106	+2.4	-3.5	+2.7	6,398	5,962	5,890	5,886	7,256
34	Fabricated metal products.....	22,123	22,238	22,605	23,528	-0.5	-1.6	-3.9	22,092	22,034	22,310	23,386	28,769
35	Machinery, except electrical.....	53,685	54,627	56,491	58,054	-1.7	-3.3	-2.7	53,538	54,074	55,990	57,182	71,663
351	Engines and turbines.....	13,951	13,930	15,238	15,332	+0.2	-8.6	-0.6	14,034	13,999	15,322	15,494	16,272
353	Construction, mining, and material handling equipment.....	5,202	5,335	5,806	5,902	-2.5	-8.1	-1.6	5,196	5,282	5,644	5,820	10,520
354	Metalworking machinery.....	2,256	2,410	2,506	2,645	-6.4	-3.8	-5.3	2,256	2,374	2,511	2,645	4,570
356	General industrial machinery.....	4,865	5,058	5,142	5,342	-3.8	-1.6	-3.7	4,884	4,927	5,080	5,300	6,716
357	Office and computing machines...	18,194	18,497	18,063	18,980	-1.6	+2.4	-4.8	17,703	18,034	17,774	18,183	20,733
36	Electrical machinery.....	58,024	57,710	56,577	55,548	+0.5	+2.0	+1.9	57,974	56,988	56,070	55,465	52,408
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	7,365	7,609	7,676	7,427	-3.2	-0.9	+3.4	7,287	7,440	7,567	7,416	8,591
363	Household appliances.....	421	373	353	301	+12.9	+5.7	+17.3	404	323	297	285	337
365	Radio and TV.....	316	327	309	240	-3.4	+5.8	+28.8	291	310	288	260	309
366	Communication equipment.....	36,656	36,495	35,494	34,846	+0.4	+2.8	+1.9	36,976	36,348	35,363	34,922	30,460
367	Electronic components.....	12,170	11,835	11,674	11,687	+2.8	+1.4	-0.1	11,951	11,516	11,476	11,523	11,597
37	Transportation equipment.....	121,777	117,765	112,086	112,604	+3.4	+5.1	-0.5	123,802	118,455	112,484	113,302	116,947
372,6	Aircraft, missiles, and parts...	93,473	90,419	89,021	89,355	+3.4	+1.6	-0.4	95,210	90,999	89,312	89,964	89,745
3731	Shipbuilding and military tank vehicles.....	22,656	21,831	17,700	17,716	+3.8	+23.3	-0.1	22,774	21,908	17,788	17,843	20,026
38	Instruments and related products..	7,103	6,976	7,168	7,109	+1.8	-2.7	+0.8	7,087	6,897	7,023	7,071	7,098
24,25,	All other durable goods.....	3,711	3,703	3,917	4,258	+0.2	-5.5	-8.0	3,555	3,429	3,787	4,142	4,519
	Nondurable goods industries.....	9,580	9,495	9,267	9,147	+0.9	+2.5	+1.3	9,638	9,221	8,953	9,068	10,275
	Market categories:												
	Home goods and apparel.....	2,960	2,847	2,741	2,696	+4.0	+3.9	+1.7	2,733	2,533	2,576	2,665	2,991
	Consumer staples.....	766	790	721	750	-3.0	+9.6	-3.9	832	730	708	754	807
	Equipment and defense products, except automotive.....	179,081	176,435	173,191	174,093	+1.5	+1.9	-0.5	180,660	176,562	172,487	173,704	185,181
	Automotive equipment.....	5,265	5,098	4,874	5,019	+3.3	+4.6	-2.9	5,428	5,133	4,893	4,984	6,373
	Construction materials, supplies and intermediate products.....	13,048	13,244	13,517	14,178	-1.5	-2.0	-4.7	12,965	12,970	13,267	13,991	16,337
	Other materials, supplies, and intermediate products	97,307	96,158	96,084	96,371	+1.2	+0.1	-0.3	97,855	95,050	94,392	95,214	108,233
	Supplementary series: ²												
	Capital goods industries.....	216,730	213,724	209,314	210,440	+1.4	+2.1	-0.5	218,614	213,535	208,964	210,411	223,451
	Nondefense.....	122,383	122,924	124,721	125,988	-0.4	-1.4	-1.0	122,642	121,700	123,726	125,535	145,612
	Defense.....	94,347	90,800	84,593	84,452	+3.9	+7.3	+0.2	95,972	91,835	85,238	84,876	77,840
	Household durable goods industries.....	2,632	2,536	2,475	2,438	+3.8	+2.5	+1.5	2,428	2,241	2,308	2,406	2,654

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted							Not seasonally adjusted ¹				
		End of month				Percent change			End of month				Jan. 1982
		Jan. 1983 ^b	Dec. 1982 ^c	Nov. 1982	Oct. 1982	Dec.-Jan. ^d	Nov.-Oct. ^e	Oct.-Nov. ^f	Jan. 1983 ^b	Dec. 1982 ^c	Nov. 1982	Oct. 1982	
	All manufacturing industries..	262,616	265,212	269,297	271,710	-1.0	-1.5	-0.9	263,241	262,303	266,658	269,002	281,926
	Manufacturing industries with unfilled orders.....	181,107	183,985	186,465	188,887	-1.6	-1.3	-1.3	180,410	180,903	183,869	186,272	192,721
32	Durable goods industries.....	174,011	176,975	179,324	181,843	-1.7	-1.3	-1.4	173,887	174,239	177,112	179,415	187,031
322	Stone, clay, and glass products...	6,040	6,287	6,361	6,413	-3.9	-1.2	-0.8	6,053	6,102	6,044	6,091	6,602
33	Glass containers.....	686	695	690	694	-1.3	+0.7	-0.6	667	663	676	683	648
331	Primary metals.....	21,281	21,902	23,107	23,738	-2.8	-5.2	-2.7	21,665	22,059	22,820	23,316	26,456
333-9	Blast furnaces, steel mills...	10,112	10,706	11,465	11,847	-5.5	-6.6	-3.2	10,426	10,995	11,419	11,729	13,525
34	Nonferrous and other primary metals.....	9,924	9,919	10,285	10,490	+0.1	-3.6	-2.0	10,004	9,830	10,100	10,249	11,370
341	Fabricated metal products.....	17,265	17,562	18,085	18,682	-1.7	-2.9	-3.2	17,178	17,192	17,565	18,275	20,234
35	Metal cans, barrels, and drums..	1,438	1,338	1,469	1,590	+7.5	-8.9	-7.6	1,416	1,194	1,256	1,348	1,431
351	Machinery, except electrical.....	40,470	40,983	41,923	42,556	-1.3	-2.2	-1.5	40,456	40,526	41,554	42,025	44,244
352	Engines and turbines.....	2,229	2,274	2,288	2,380	-2.0	-0.6	-3.9	2,250	2,278	2,302	2,353	2,608
353	Farm machinery and equipment....	2,029	2,130	2,248	2,215	-4.7	-5.2	+1.5	2,047	2,128	2,095	2,056	2,945
354	Construction, mining, and material handling equipment....	9,583	9,853	10,139	10,556	-2.7	-2.8	-4.0	9,641	9,794	10,078	10,345	10,653
356	Metalworking machinery.....	2,101	2,118	2,224	2,266	-0.8	-4.8	-1.9	2,096	2,093	2,215	2,257	2,619
357	General industrial machinery...	3,986	4,037	3,998	4,068	-1.3	+1.0	-1.7	4,038	3,976	3,934	3,994	4,163
36	Office and computing machines...	10,005	9,866	9,958	9,987	+1.4	-0.9	-0.3	9,885	9,738	10,008	10,037	9,414
361.2	Electrical machinery.....	26,071	26,308	26,745	26,670	-0.9	-1.6	+0.3	25,749	25,638	26,230	26,337	27,421
363	Electrical transmission and distribution equipment and industrial apparatus.....	3,984	4,088	4,188	4,193	-2.5	-2.4	-0.1	3,946	4,029	4,132	4,184	4,454
365	Household appliances.....	1,832	1,761	1,795	1,830	+4.0	-1.9	-1.9	1,805	1,682	1,673	1,726	1,932
366	Radio and TV.....	1,409	1,422	1,551	1,621	-0.9	-8.3	-4.3	1,354	1,361	1,479	1,564	1,806
367	Communication equipment.....	9,321	9,373	9,446	9,289	-0.6	-0.8	+1.7	9,290	9,168	9,443	9,290	9,256
37	Electronic components.....	5,530	5,641	5,649	5,591	-2.0	-0.1	+1.0	5,447	5,556	5,514	5,535	5,642
371	Transportation equipment.....	40,483	41,162	40,052	40,418	-1.6	+2.8	-0.9	40,405	40,504	40,339	40,417	38,079
372,6	Motor vehicles and parts.....	8,172	8,578	8,096	8,381	-4.7	+6.0	-3.4	8,313	8,329	8,327	8,527	9,113
3731	Aircraft, missiles, and parts...	28,987	29,242	28,759	28,810	-0.9	+1.7	-0.2	28,746	28,839	28,765	28,665	24,818
38	Shipbuilding and military tank vehicles.....	1,576	1,501	1,402	1,469	+5.0	+7.1	-4.6	1,523	1,444	1,455	1,498	2,076
381-4	Instruments and related products..	8,768	9,148	9,289	9,388	-4.2	-1.5	-1.1	8,725	8,856	9,081	9,222	9,366
386	Scientific and engineering instruments.....	6,369	6,552	6,629	6,635	-2.8	-1.2	-0.1	6,369	6,428	6,530	6,543	6,418
388	Photographic goods.....	1,909	2,115	2,197	2,263	-9.7	-3.7	-2.9	1,877	1,963	2,098	2,199	2,418
39	All other durable goods.....	13,633	13,623	13,762	13,978	+0.1	-1.0	-1.5	13,656	13,362	13,479	13,732	14,628
20	Nondurable goods industries.....	88,605	88,237	89,973	89,867	+0.4	-1.9	+0.1	89,354	88,064	89,546	89,587	94,895
201	Food and kindred products.....	19,984	19,631	19,944	19,911	+1.8	-1.6	+0.2	20,595	20,324	21,130	21,027	21,121
208	Meat products.....	1,773	1,703	1,782	1,780	+4.1	-4.4	+0.1	1,789	1,696	1,858	1,807	1,776
207	Beverages.....	3,598	3,425	3,423	3,388	+5.1	+0.1	+1.0	3,656	3,473	3,423	3,439	3,713
207	Fats and oils.....	1,250	1,238	1,221	1,154	+1.0	+1.4	+5.8	1,375	1,415	1,482	1,200	1,684
203-6,9	All other foods.....	11,708	11,615	11,879	11,961	+0.8	-2.2	-0.7	12,153	12,149	12,770	12,942	12,219
21	Tobacco products.....	4,594	4,433	4,456	4,417	+3.6	-0.5	+0.9	4,925	4,708	4,537	4,496	4,820
22	Textile mill products.....	6,292	6,304	6,386	6,350	-0.2	-1.3	+0.6	6,340	6,136	6,128	6,052	6,812
26	Paper and allied products.....	8,665	8,808	8,880	8,890	-1.6	-0.8	-0.1	8,524	8,648	8,718	8,698	8,531
261-3	Pulp, paper etc	3,632	3,613	3,643	3,648	+0.5	-0.8	-0.1	3,573	3,597	3,610	3,607	3,431
265	Paperboard containers.....	2,273	2,368	2,315	2,355	-4.0	+2.3	-1.7	2,248	2,283	2,253	2,267	2,251
264,6	All other paper products.....	2,760	2,827	2,922	2,887	-2.4	-3.3	+1.2	2,703	2,768	2,855	2,824	2,849
28	Chemicals and allied products.....	19,359	19,610	20,065	20,396	-1.3	-2.3	-1.6	19,633	19,590	19,794	19,893	21,742
281,6	Industrial chemicals, except pigments	5,713	5,808	6,103	6,250	-1.6	-4.8	-2.4	5,844	5,767	6,036	6,106	6,910
283,4	Drugs, soaps, and toiletries	6,261	6,201	6,367	6,347	+1.0	-2.6	+0.3	6,180	6,151	6,335	6,264	6,560
29	Petroleum and coal products	9,687	9,217	9,764	9,201	+5.1	-5.6	+6.1	9,727	9,239	9,935	9,404	10,415
30	Rubber and plastics products.....	5,494	5,584	5,688	5,803	-1.6	-1.8	-2.0	5,575	5,529	5,453	5,602	6,212
23,27,	All other nondurable goods.....	14,530	14,650	14,790	14,899	-0.8	-0.9	-0.7	14,035	13,890	13,851	14,415	15,241
Market categories:													
	Home goods and apparel.....	20,660	20,842	21,071	21,327	-0.9	-1.1	-1.2	20,263	19,922	19,873	20,525	22,321
	Consumer staples.....	32,675	32,129	32,638	32,692	+1.7	-1.6	-0.2	33,318	32,757	33,491	33,714	33,939
	Equipment and defense products, except automotive.....	75,363	76,315	76,653	77,083	-1.2	-0.4	-0.6	75,124	75,325	76,296	76,436	76,046
	Automotive equipment.....	10,567	11,038	10,500	10,806	-4.3	+5.1	-2.8	10,791	10,820	10,673	10,852	11,811
	Construction materials, supplies and intermediate products.....	19,016	19,568	19,909	20,125	-2.8	-1.7	-1.1	19,053	19,165	19,215	19,585	21,768
	Other materials, supplies, and intermediate products	104,335	105,320	108,526	109,677	-0.9	-3.0	-1.0	104,692	104,314	107,110	107,890	116,041
	Supplementary series: ²												
	Capital goods industries.....	85,787	86,565	87,018	87,779	-0.9	-0.5	-0.9	85,331	85,187	86,678	87,152	85,862
	Nondefense.....	69,350	70,735	71,667	72,575	-2.0	-1.3	-1.3	69,133	69,625	71,403	72,134	72,713
	Defense.....	16,437	15,830	15,351	15,204	+3.8	+3.1	+1.0	16,198	15,562	15,275	15,018	13,148
	Household durable goods industries.....	10,240	10,133	10,302	10,548	+1.1	-1.6	-2.3	10,071	9,787	9,902	10,215	11,000

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

SIC	Industry	Seasonally adjusted								Not seasonally adjusted ¹				Jan. 1982
		End of month				Percent change				End of month				
		Jan. 1983 ^p	Dec. 1982 ^r	Nov. 1982	Oct. 1982	Dec.-Jan. ^p	Nov.-Dec. ^r	Oct.-Nov.	Jan. 1983 ^p	Dec. 1982 ^r	Nov. 1982	Oct. 1982		
MATERIALS AND SUPPLIES														
	All manufacturing industries..	87,600	88,319	89,307	89,918	-0.8	-1.1	-0.7	88,018	88,541	88,617	89,368	96,605	
32	Durable goods industries.....	51,743	52,886	53,493	54,282	-2.2	-1.1	-1.5	51,795	52,715	53,192	54,106	58,272	
33	Stone, clay, and glass products...	2,041	2,105	2,162	2,194	-3.0	-2.6	-1.5	2,067	2,135	2,116	2,153	2,337	
34	Primary metals	7,403	7,689	7,799	7,917	-3.7	-1.4	-1.5	7,595	7,906	7,893	7,977	8,887	
35	Fabricated metal products.....	6,743	6,766	6,932	7,169	-0.3	-2.4	-3.3	6,711	6,705	6,728	7,009	7,736	
36	Machinery, except electrical.....	10,564	10,605	10,859	11,000	-0.4	-2.3	-1.3	10,505	10,613	10,837	11,040	11,909	
37	Electrical Machinery.....	7,288	7,375	7,586	7,524	-1.2	-2.8	+0.8	7,221	7,220	7,323	7,370	8,132	
38	Transportation equipment.....	9,942	10,464	10,158	10,283	-5.0	+3.0	-1.2	9,919	10,262	10,269	10,313	10,387	
24,25, 39	Instruments and related products..	2,543	2,679	2,688	2,799	-5.1	-0.3	-4.0	2,535	2,667	2,665	2,757	3,040	
	All other durable goods.....	5,219	5,203	5,309	5,396	+0.3	-2.0	-1.6	5,242	5,207	5,361	5,487	5,844	
20	Nondurable goods industries.....	35,857	35,433	35,814	35,636	+1.2	-1.1	+0.5	36,223	35,826	35,425	35,262	38,333	
21	Food and kindred products.....	7,201	7,063	7,200	7,161	+2.0	-1.9	+0.5	7,484	7,416	7,515	7,234	7,678	
22	Tobacco products.....	4,160	4,099	4,090	4,043	+1.5	+0.2	+1.2	4,498	4,392	4,093	4,017	4,456	
26	Textile mill products.....	1,841	1,860	1,919	1,878	-1.0	-3.1	+2.2	1,884	1,819	1,777	1,714	2,073	
28	Paper and allied products.....	4,502	4,489	4,443	4,421	+0.3	+1.0	+0.5	4,420	4,497	4,361	4,378	4,427	
29	Chemicals and allied products.....	7,787	7,642	7,753	7,959	+1.9	-1.4	-2.6	7,803	7,674	7,584	7,765	8,429	
30	Petroleum and coal products.....	2,574	2,418	2,490	2,201	+6.5	-2.9	+13.1	2,495	2,326	2,523	2,344	2,544	
23,27, 31	Rubber and plastics products.....	1,916	1,996	1,987	2,028	-4.0	+0.5	-2.0	1,925	1,994	1,909	1,994	2,361	
	All other nondurable goods.....	5,876	5,866	5,932	5,945	+0.2	-1.1	-0.2	5,714	5,708	5,663	5,816	6,365	
WORK IN PROCESS														
	All manufacturing industries..	92,878	93,370	94,579	95,423	-0.5	-1.3	-0.9	92,693	91,688	94,006	94,959	98,016	
32	Durable goods industries.....	78,399	79,022	79,785	80,566	-0.8	-1.0	-1.0	78,285	77,601	79,288	80,000	82,129	
33	Stone, clay, and glass products...	915	984	984	975	-7.0	0.0	+0.9	907	899	904	899	983	
34	Primary metals	8,503	8,613	9,390	9,720	-1.3	-8.3	-3.4	8,571	8,529	9,156	9,473	11,040	
35	Fabricated metal products.....	6,065	6,215	6,381	6,607	-2.4	-2.6	-3.4	5,982	5,971	6,181	6,519	7,229	
36	Machinery, except electrical.....	16,541	16,701	17,038	17,458	-1.0	-2.0	-2.4	16,714	16,513	17,057	17,346	18,927	
37	Electrical Machinery.....	13,307	13,462	13,464	13,309	-1.2	0.0	+1.2	13,157	13,139	13,387	13,302	13,538	
38	Transportation equipment.....	26,091	26,075	25,398	25,327	+0.1	+2.7	+0.3	25,980	25,727	25,574	25,377	23,044	
24,25, 39	Instruments and related products..	3,974	3,987	4,085	4,116	-0.3	-2.4	-0.8	3,969	3,851	4,020	4,051	4,081	
	All other durable goods.....	3,003	2,985	3,045	3,054	+0.6	-2.0	-0.3	3,005	2,972	3,009	3,033	3,287	
20	Nondurable goods industries.....	14,479	14,348	14,794	14,857	+0.9	-3.0	-0.4	14,408	14,087	14,718	14,959	15,887	
21	Food and kindred products.....	1,833	1,779	1,741	1,707	+3.0	+2.2	+2.0	1,852	1,816	1,791	1,788	2,190	
22	Tobacco products.....	173	128	146	193	+35.2	-12.3	-24.4	169	126	211	286	111	
26	Textile mill products.....	1,999	1,993	1,971	1,986	+0.3	+1.1	-0.8	2,020	1,955	1,953	1,964	2,135	
28	Paper and allied products.....	943	1,005	1,013	1,075	-6.2	-0.8	-5.8	917	957	1,004	1,044	947	
29	Chemicals and allied products....	3,151	3,185	3,420	3,374	-1.1	-6.9	+1.4	3,148	3,176	3,362	3,359	3,458	
30	Petroleum and coal products.....	2,275	2,230	2,347	2,340	+2.0	-5.0	+0.3	2,244	2,207	2,392	2,343	2,772	
23,27, 31	Rubber and plastics products.....	1,097	1,103	1,145	1,188	-0.5	-3.7	-3.6	1,137	1,108	1,147	1,195	1,190	
	All other nondurable goods.....	3,008	2,925	3,011	2,994	+2.8	-2.9	+0.6	2,921	2,742	2,858	2,980	3,084	
FINISHED GOODS														
	All manufacturing industries..	82,138	83,523	85,411	86,369	-1.7	-2.2	-1.1	82,530	82,074	84,035	84,675	87,304	
32	Durable goods industries.....	43,869	45,067	46,046	46,995	-2.7	-2.1	-2.0	43,807	43,923	44,632	45,309	46,630	
33	Stone, clay, and glass products...	3,084	3,198	3,215	3,244	-3.6	-0.5	-0.9	3,079	3,068	3,024	3,039	3,282	
34	Primary metals	5,375	5,600	5,918	6,101	-4.0	-5.4	-3.0	5,499	5,624	5,771	5,866	6,529	
35	Fabricated metal products.....	4,457	4,581	4,772	4,906	-2.7	-4.0	-2.7	4,485	4,516	4,656	4,747	5,269	
36	Machinery, except electrical.....	13,365	13,677	14,026	14,098	-2.3	-2.5	-0.5	13,237	13,400	13,660	13,639	13,408	
37	Electrical Machinery.....	5,476	5,471	5,695	5,837	+0.1	-3.9	-2.4	5,371	5,279	5,520	5,665	5,751	
38	Transportation equipment.....	4,450	4,623	4,496	4,808	-3.7	+2.8	-6.5	4,506	4,515	4,496	4,727	4,648	
24,25, 39	Instruments and related products..	2,251	2,482	2,516	2,473	-9.3	-1.4	+1.7	2,221	2,338	2,396	2,414	2,245	
	All other durable goods.....	5,411	5,435	5,408	5,528	-0.4	+0.5	-2.2	5,409	5,183	5,109	5,212	5,498	
20	Nondurable goods industries.....	38,269	38,456	39,365	39,374	-0.5	-2.3	0.0	38,723	38,151	39,403	39,366	40,674	
21	Food and kindred products.....	10,950	10,789	11,003	11,043	+1.5	-1.9	-0.4	11,259	11,092	11,824	12,005	11,253	
22	Tobacco products.....	261	206	220	181	+26.7	-6.4	+21.5	258	190	233	193	253	
26	Textile mill products.....	2,452	2,451	2,496	2,486	0.0	-1.8	+0.4	2,436	2,362	2,398	2,374	2,604	
28	Paper and allied products.....	3,220	3,314	3,424	3,394	-2.8	-3.2	+0.9	3,187	3,194	3,353	3,276	3,157	
29	Chemicals and allied products....	8,421	8,783	8,892	9,063	-4.1	-1.2	-1.9	8,682	8,740	8,848	8,769	9,855	
30	Petroleum and coal products.....	4,838	4,569	4,927	4,660	+5.9	-7.3	+5.7	4,988	4,706	5,020	4,717	5,099	
23,27, 31	Rubber and plastics products.....	2,481	2,485	2,556	2,587	-0.2	-2.8	-1.2	2,513	2,427	2,397	2,413	2,661	
	All other nondurable goods.....	5,646	5,859	5,847	5,960	-3.6	+0.2	-1.9	5,400	5,440	5,330	5,619	5,792	

^pPreliminary.^rRevised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP
(Based on seasonally adjusted data)

SIC	Industry	Inventory/shipments ratio				Unfilled orders/shipments ratio ¹			
		Jan. 1983 ^P	Dec. 1982 ^F	Nov. 1982	Oct. 1982	Jan. 1983 ^P	Dec. 1982 ^F	Nov. 1982	Oct. 1982
	All manufacturing industries.....	1.68	1.74	1.77	1.78	3.69	3.73	3.72	3.77
32	Durable goods industries.....	2.26	2.41	2.47	2.51	4.58	4.62	4.61	4.66
33	Stone, clay, and glass products.....	1.49	1.70	1.72	1.72	0.45	0.50	0.52	0.52
34	Primary metals.....	2.70	2.90	3.16	3.09	2.64	2.70	2.91	2.75
35	Fabricated metal products.....	1.89	2.00	1.99	2.09	2.69	2.79	2.75	2.93
36	Machinery, except electrical.....	2.83	2.86	2.88	3.03	4.01	4.08	4.20	4.46
37	Electrical machinery.....	2.24	2.32	2.40	2.38	4.98	5.09	5.07	4.95
38	Transportation equipment.....	2.29	2.56	2.65	2.69	11.75	11.50	11.55	11.58
	Instruments and related products.....	2.26	2.37	2.47	2.50	1.83	1.81	1.90	1.89
20	Nondurable goods industries.....	1.12	1.11	1.13	1.12	0.54	0.55	0.54	0.54
21	Food and kindred products.....	0.88	0.88	0.89	0.89	(X)	(X)	(X)	(X)
22	Tobacco products.....	4.09	3.38	4.12	3.66	(X)	(X)	(X)	(X)
26	Textile mill products.....	1.54	1.47	1.60	1.55	1.30	1.21	1.32	1.29
28	Paper and allied products.....	1.25	1.35	1.37	1.36	0.53	0.56	0.54	0.54
29	Chemicals and allied products.....	1.38	1.38	1.43	1.51	(X)	(X)	(X)	(X)
30	Petroleum and coal products.....	0.65	0.58	0.59	0.53	(X)	(X)	(X)	(X)
	Rubber and plastics products.....	1.54	1.67	1.66	1.67	(X)	(X)	(X)	(X)

^PPreliminary. ^FRevised. (X) Not applicable.

¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

SIC	Industry	Shipments			New orders			Unfilled orders			Inventories		
		Year ago	All Jans. 1982-	Jan. 1982-	Year ago	All Jans. 1982-	Jan. 1982-	Year ago	All Jans. 1982-	Jan. 1982-	Year ago	All Jans. 1982-	Jan. 1982-
1982	1982	1982	1982	1982	1982	1982	1982	1982	1982	1982	1982	1982	1982
	All manufacturing industries.....	0.4	0.4	0.3	0.7	0.6	0.4	0.2	0.0	0.2	0.1	0.2	0.1
32	Durable goods industries.....	0.5	0.5	0.4	1.4	0.9	0.8	0.3	0.1	0.2	0.1	0.1	0.1
33	Stone, clay, and glass products.....	2.0	1.5	1.3	0.1	1.3	1.1	3.5	1.4	1.7	0.6	0.5	0.7
34	Primary metals.....	0.5	0.9	0.4	1.2	1.3	0.9	0.2	0.5	0.2	0.2	1.9	0.3
35	Fabricated metal products.....	0.1	0.5	0.7	1.6	1.0	1.6	0.5	0.2	0.5	0.6	0.5	0.3
36	Machinery, except electrical....	1.9	1.2	0.9	1.0	1.3	3.2	0.5	0.2	0.6	0.1	0.2	0.2
37	Electrical machinery.....	0.6	0.3	0.6	0.1	0.3	0.6	0.1	0.1	0.2	0.1	0.1	0.4
38	Transportation equipment.....	0.8	1.4	0.9	7.0	3.2	1.3	0.9	0.4	1.4	0.1	0.3	0.2
	Instruments and related products.....	0.3	0.9	1.5	0.3	1.6	1.8	0.4	1.8	0.7	0.1	0.5	0.5
20	Nondurable goods industries.....	0.1	0.3	0.4	0.2	0.4	0.4	0.0	0.2	0.7	0.2	0.2	0.3
21	Food and kindred products.....	2.4	0.9	1.0	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.6	0.0
22	Tobacco products.....	0.1	2.7	0.1	(X)	(X)	(X)	(X)	(X)	(X)	0.1	1.1	0.0
26	Textile mill products.....	3.2	1.9	1.5	4.7	2.3	1.7	1.1	0.4	0.9	0.4	0.3	0.6
28	Paper and allied products.....	1.5	1.1	1.0	1.7	1.6	1.7	0.3	1.0	1.7	0.2	0.5	0.4
29	Chemicals and allied products....	1.2	1.0	1.1	(X)	(X)	(X)	(X)	(X)	(X)	0.5	0.9	0.5
30	Petroleum and coal products....	1.9	1.3	0.7	(X)	(X)	(X)	(X)	(X)	(X)	1.0	0.9	1.2
	Rubber and plastics products....	3.4	3.5	1.9	(X)	(X)	(X)	(X)	(X)	(X)	0.3	1.5	1.0
	Capital Goods Industries:												
	Nondefense.....	2.0	1.2	1.0	2.1	2.2	1.9	0.1	0.3	0.5	0.3	0.1	0.2
	Defense.....	1.2	1.7	1.0	9.7	4.0	5.5	0.7	0.4	0.3	0.2	0.3	0.4

(X) Not Applicable

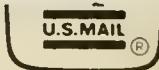
Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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